



STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

Ten Franklin Square  
New Britain, Connecticut 06051  
Phone: (860) 827-2935  
Fax: (860) 827-2950

October 23, 2000

Peter W. van Wilgen  
Springwich Cellular Limited Partnership  
500 Enterprise Drive  
Rocky Hill, CT 06067-3900

RE: **EM-SCLP-096-000928** – Springwich Cellular Limited Partnership (SCLP) notice of intent to modify an existing telecommunications facility located at 4 Elkington Farm Road, New Milford, Connecticut.

Dear Mr. van Wilgen:

At a public meeting held on Thursday, October 19, 2000, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified here and in your notice dated September 26, 2000. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

Thank you for your attention and cooperation.

Very truly yours,

  
Mortimer A. Gelston  
Chairman

MAG/RKE/laf

- c: Honorable Arthur J. Peitler, Mayor, Town of New Milford  
David N. Hubbard, Community Planning & Economic Development Director, Town of New Milford  
George Doring, Zoning Enforcement Officer, Town of New Milford  
Christopher B. Fisher, Esq., Cuddy & Feder  
Michael Murphy, AT&T Wireless  
Julie M. Cashin, Esq., Hurwitz & Sagarin LLC  
Sam J. D'Agostino, PageNet, Inc.



500 Enterprise Drive  
Rocky Hill, Connecticut 06067-3900  
Phone: (860) 513-7730  
Fax: (860) 513-7614

**Peter W. van Wilgen**  
*Director – Real Estate Operations*

RECEIVED

SEP 28 2000

CONNECTICUT  
SITING COUNCIL

September 26, 2000

Honorable Joan B. Taf, Mayor  
Town Hall  
10 Main Street  
New Milford, Connecticut 06776

**Re: Notice of Exempt Modification – Springwch Cellular Limited Partnership Wireless Telecommunications Tower Facility, 4 Elkington Farm Road, New Milford, Connecticut. (Docket No. 138)**

Dear Ms. Taf:

Springwch Cellular Limited Partnership ("SCLP") intends to allow AT&T Wireless Services to install cellular antennas and associated equipment at an existing telecommunications tower facility at 4 Elkington Farm Road, New Milford, Connecticut. SCLP owns and operates the facility, and leases the land from the Canterbury School, Inc.

A Notice of Exempt Modification has been filed with the Connecticut Siting Council as required by Regulations of Connecticut State Agencies ("R.C.S.A.") Section 16-50j-73. Please accept this letter as notification to the Town of New Milford under Section 16-50j-73 of construction which constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(b)(2).

The attached letter fully sets forth the SCLP proposal. However, if you have any questions or require any further information on the plans for the site or the Siting Council's procedures, please contact the undersigned or Mr. Joel M. Rinebold, Executive Director of the Connecticut Siting Council, at (860) 827-2935.

Sincerely,

Peter W. van Wilgen  
Director – Real Estate Operations

Enclosure



500 Enterprise Drive  
Rocky Hill, Connecticut 06067-3900  
Phone: (860) 513-7730  
Fax: (860) 513-7614

**Peter W. van Wilgen**  
*Director – Real Estate Operations*

September 26, 2000

Mr. Mortimer A. Gelston, Chairman  
Connecticut Siting Council  
10 Franklin Square  
New Britain, Connecticut 06051

**Re: Notice of Exempt Modification – Springwiche Cellular Limited Partnership Wireless Telecommunications Tower Facility, 4 Elkington Farm Road, New Milford, Connecticut. (Docket No. 138)**

Dear Mr. Gelston:

Springwiche Cellular Limited Partnership ("SCLP") intends to allow Litchfield Acquisition Corporation, d/b/a AT&T Wireless Services ("AT&T"), to install cellular antennas and associated equipment at SCLP's existing telecommunications tower facility at 4 Elkington Farm Road, New Milford, Connecticut. (This site is also known to the Connecticut Siting Council variously as "Aspetuck Avenue" and "Taylor Terrace.") SCLP has authorized AT&T's plans pursuant to mutually acceptable terms and conditions. SCLP leases the land from the Canterbury School, Inc.

Enclosed with this letter are a site location map, the proposed site plan, the proposed tower profile, and a structural analysis.

As shown on attached drawings and further described below, AT&T proposes to install antennas on the existing 150 foot monopole tower. AT&T also plans to construct an equipment shelter at the base of the tower.

Please accept this letter as notification, pursuant to R.C.S.A. Section 16-50j-73, of construction which constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(b)(2). In compliance with R.C.S.A. Section 16-50j-73, a copy of this letter is being sent to the Mayor of the Town of New Milford.

The existing facility consists of a 150 foot monopole with coordinates of 41° 35' 28" North and 73° 24' 36" West (NAD 83), an SCLP equipment building, and a Sprint Spectrum L.P. ("Sprint") equipment pad with cabinets. The monopole tower currently supports antennas belonging to Pagenet at the 162 foot centerline level, SCLP at the 152.5 foot level, and Sprint at

the 140 foot level. (Please note corrected SCLP antenna centerline height and power density figures as compared to EM-Sprint-096-000203.) The tower was designed and constructed for multiple carriers and will not require any structural modification to support the proposed antennas. (See attached structural analysis.) The facility is enclosed by a chain link fence measuring approximately 98 feet x 77 feet.

AT&T proposes to install 3 flush-mounted panel-type antennas with the center of radiation at approximately 120 feet above ground level ("AGL"). AT&T also proposes to install an equipment shelter measuring 12 feet x 26 feet at the tower base. All work will be performed within the existing fenced compound.

The changes to the New Milford tower facility do not constitute a modification as defined in Connecticut General Statutes ("C.G.S.") Section 16-50i(d) because the general physical characteristics of the facility will not be significantly changed or altered. Rather, the planned changes to the facility fall squarely within those activities explicitly provided for in R.C.S.A. Section 16-50j-72(b)(2) because they will not result in any substantial adverse environmental effect.

1. The height of the tower will be unaffected.
2. The proposed changes will not affect the site boundaries. All construction will occur within the existing fenced compound.
3. The proposed additions will not increase the noise level at the existing facility by six decibels or more. Except for noise resulting from construction, the only additional sound will be from equipment cooling systems.
4. Operation of the additional antennas will not increase the total radio frequency electromagnetic radiation power density, measured at the tower base, to a level at or above the Connecticut and ANSI standard. A "worst-case" calculation in accordance with FCC OET Bulletin No. 65 for a point at the base of the tower is as follows:

Company	Height (feet)	Power Density (mW/cm <sup>2</sup> )	Standard Limits (mW/cm <sup>2</sup> )	% of Standard
Pagenet *	162	0.0521	0.6207	8.39
SCLP	152.5	0.0321	0.5867	5.47
Sprint	140	0.0878	1.0000	8.78
AT&T	120	0.0531	0.5793	9.16
<b>Total</b>				<b>31.80%</b>

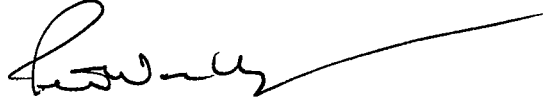
\* Pagenet's antennas were omitted in EM-Sprint-096-000203.

As the table demonstrates, The collective "worst-case" exposure would be 31.80 % of the ANSI/IEE standard, as calculated for mixed frequency sites. Power density levels from shared use of the tower facility would thus be well below applicable ANSI/IEE standards.

For the foregoing reasons, SCLP respectfully submits that proposed changes to implement expanded shared use at the New Milford site constitute an exempt modification under R.C.S.A. Section 16-50j-72(b)(2).

Please feel free to call me at (860) 513-7730 with questions concerning this application. Thank you for your consideration in this matter.

Respectfully yours,

A handwritten signature in black ink, appearing to read 'Peter W. van Wilgen', with a long horizontal flourish extending to the right.

Peter W. van Wilgen  
Director – Real Estate Operations

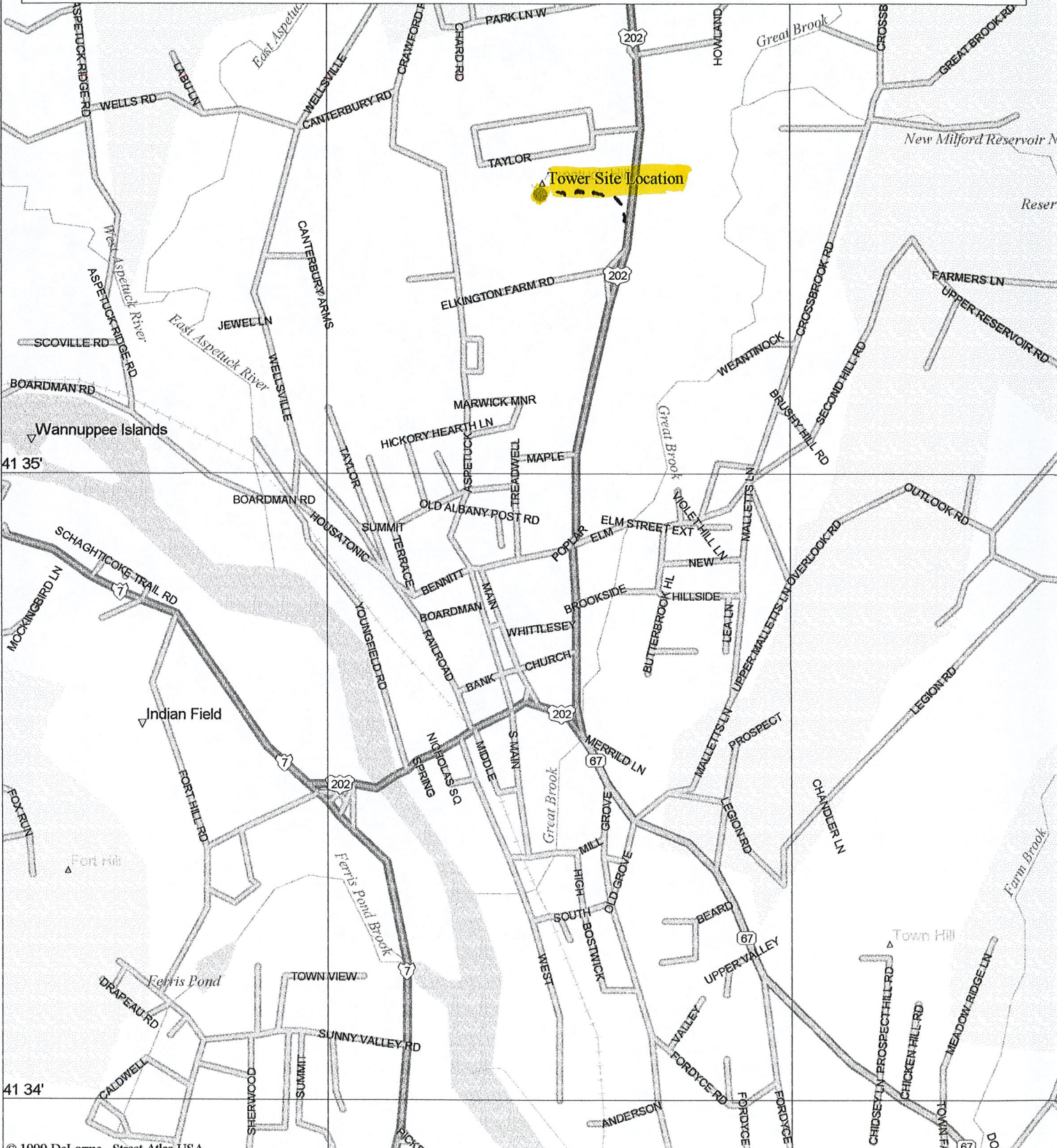
Enclosures

cc: Honorable Joan B. Taf, Mayor  
Town Hall  
10 Main Street  
New Milford, Connecticut 06776

Enclosures



## Location Map --- 4 Elkington Farm Road



© 1999 DeLorme. Street Atlas USA

Mag 15.00  
Fri Sep 22 13:27 2000

Scale 1:15,625 (at center)

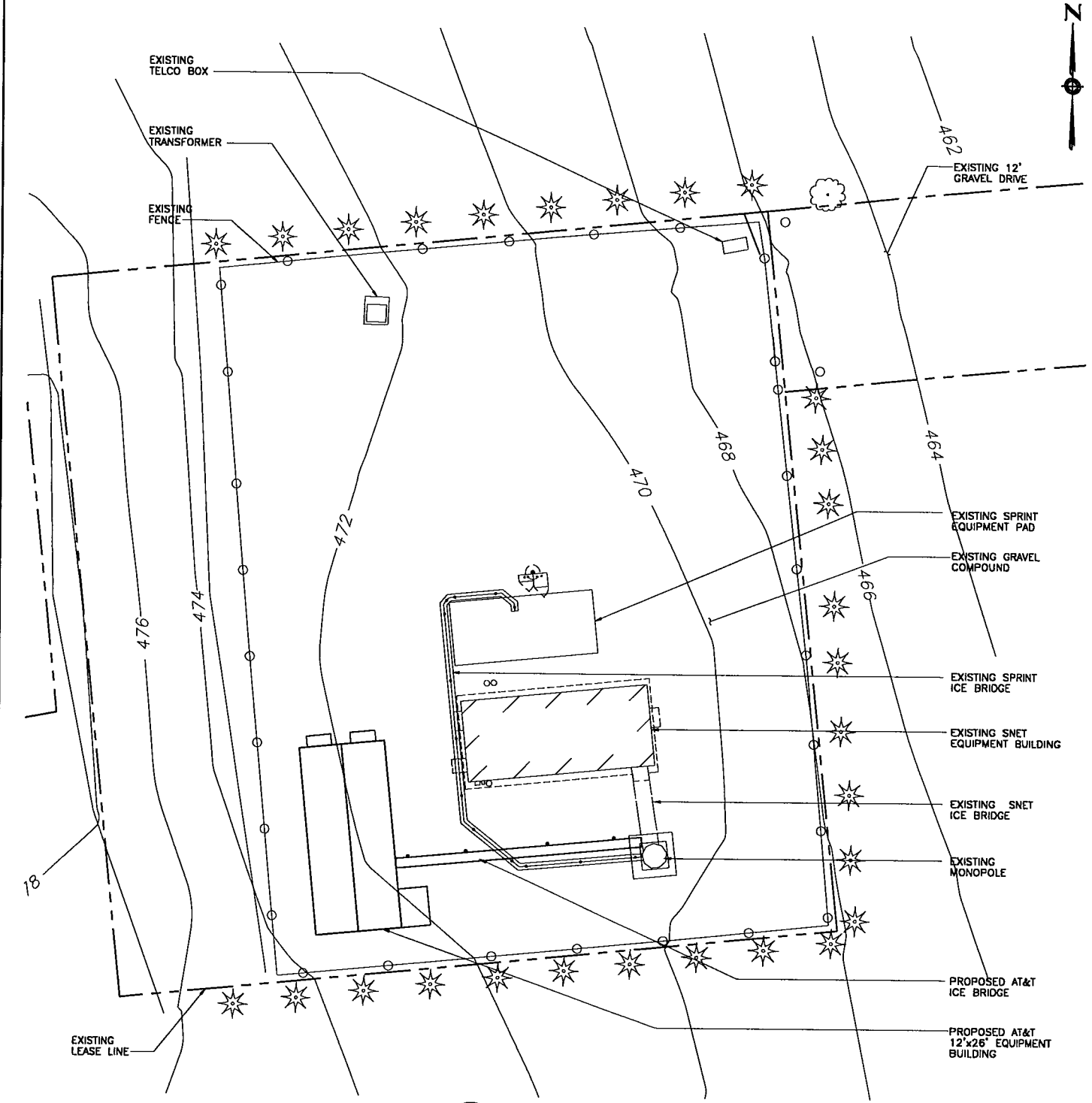
1000 Feet

## 500 Meters

Local Road

State Route

—



1 SITE PLAN  
SC-1 SCALE: 1" = 20'-0"

SITE ID NO:  
L-06  
Designed by:  
Drawn by: JCF  
Checked by:

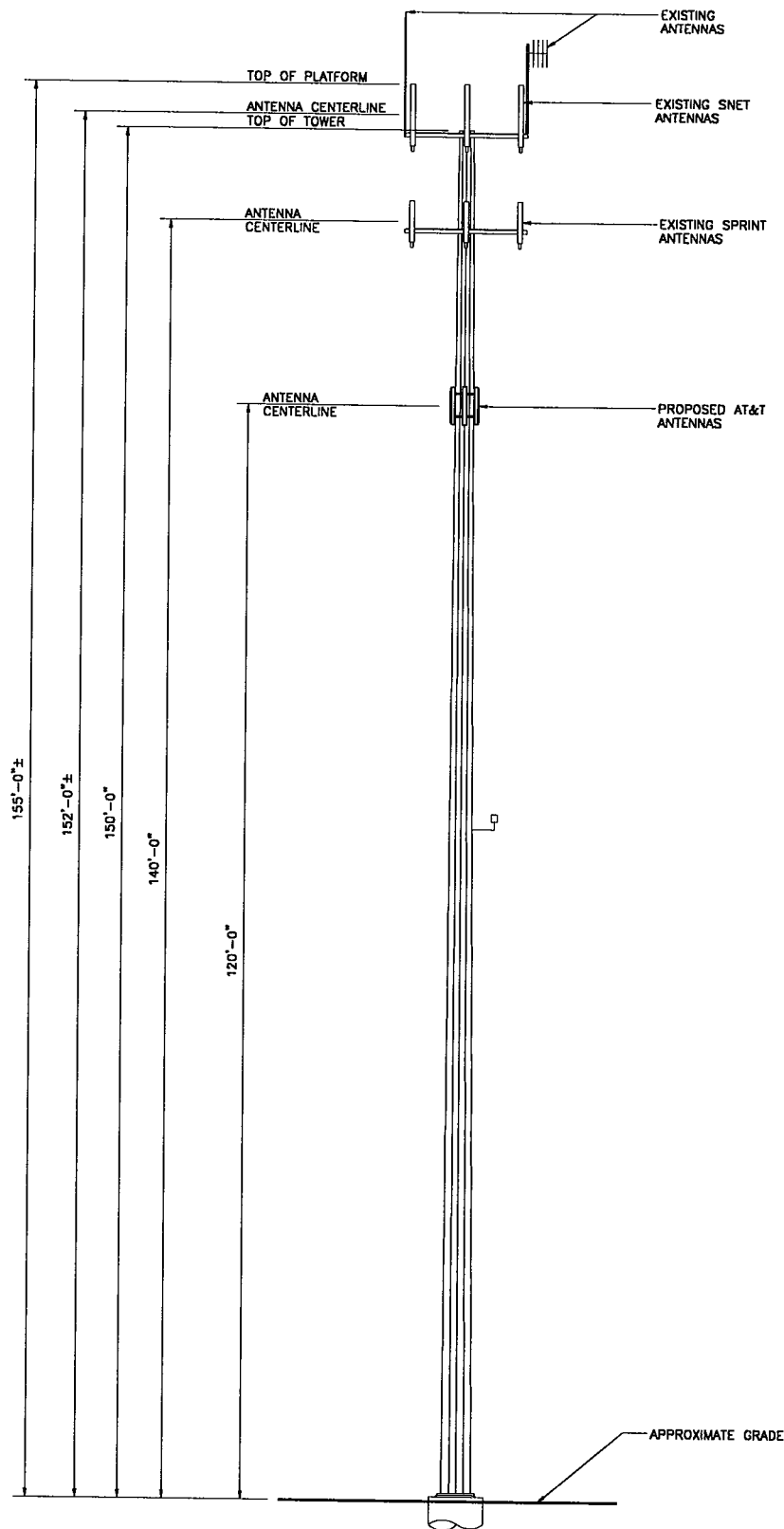
**URS Greiner Woodward Clyde  
A-E-S**  
500 ENTERPRISE DRIVE  
ROCKY HILL, CONNECTICUT  
1-(860)-529-8882

**SPRINGWICH CELLULAR LIMITED PARTNERSHIP  
AT&T WIRELESS SERVICES, INC.**  
UNMANNED WIRELESS COMMUNICATION EQUIPMENT SITE  
SITE ADDRESS:  
**NEW MILFORD  
ELKINGTON FARM ROAD  
NEW MILFORD, CONNECTICUT**

1	9-27-00	REVISIONS
REV.	DATE:	DESCRIPTION
Scale: AS SHOWN		Date: 08-31-00
Job No. F301924.03		File No. SC-1

Dwg. No.  
**SC-1**  
Dwg. 1 of 2





**1 TOWER ELEVATION**  
SC-2 SCALE: 1" = 20'-0"

SITE ID NO:  
L-06

Designed by:

Drawn by: JCF

Checked by:

**URS Greiner Woodward Clyde  
A-E-S**  
500 ENTERPRISE DRIVE  
ROCKY HILL, CONNECTICUT  
1-(860)-529-8882

**SPRINGWICH CELLULAR LIMITED PARTNERSHIP  
AT&T WIRELESS SERVICES, INC.**  
UNMANNED WIRELESS COMMUNICATION EQUIPMENT SITE

SITE ADDRESS:

**NEW MILFORD**  
ELKINGTON FARM ROAD  
NEW MILFORD, CONNECTICUT

REV.	DATE:	DESCRIPTION
1	9-27-00	REVISIONS
Scale: AS SHOWN Date: 08-31-00		
Job No. F301924.03 File No. SC-2		

Dwg. No.

**SC-2**

Dwg. 2 of 2



September 27, 2000

Mr. Mortimer A. Gelston  
Chairmen  
Connecticut State Siting Council  
10 Franklin Square  
New Britain, CT 06051

**Reference: Structural Letter  
Proposed Telecommunications Facility  
AT&T Site No.: L-06  
4 Elkington Farm Road  
New Milford, Connecticut  
F300001924.03/F12**

Dear Mr. Gelston:

URS Corporation AES (URS) has previously performed the structural analysis for existing 150' monopole located at the above referenced site. The monopole was manufactured by ITT Meyer, the date of fabrication is unknown. The monopole data was taken from Manzi Engineering located at 3 Cifre Lane, Plaistow, NH 03865; report dated April 12, 2000.

The purpose of this analysis was to evaluate the effect of AT&T's proposed antennas. Our analysis concluded that the structure has sufficient capacity for the imposed load by the new antenna arrangement below:

		<u>Centerline Elevation</u>
(9) ALP 9011 with (9) 1-5/8 coax cable within the monopole platform	SNET	@152.5' elevation
12' wide low profile platform running inside the monopole	SNET	@150' elevation
(1) Whip antenna with associated cable within the monopole		@162' elevation
(1) Yagi antenna with associated cable within the monopole		@ 159' elevation
(9) DB 970H 90 E-M (9) 1-5/8" coax cable within the monopole	Sprint	@ 140' elevation
10'-6" Low profile platform	Sprint	@ 140' elevation
(3) RS 90-05-00XX-2 (flushmount) with (9) 1-15/8" coax cable run outside perimeter of the monopole	AT&T	@120' elevation

The above evaluation is based on requirements of EIA/TIA-222-F dated March 1996.

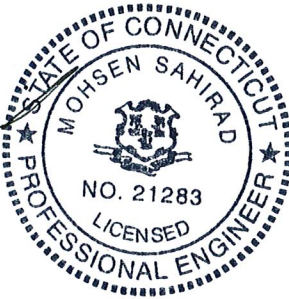
Please call if there are any questions.

Sincerely,

**URS Corporation AES**



Mohsen, Sahirad, P.E.  
Senior Structural Engineer



MS/mks

cc: Michael Murphy/AT&T  
Rene Bernier/Bechtel Corp.  
Christopher Fisher/CF&W  
Ignacio Artaiz/URS



STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

Ten Franklin Square  
New Britain, Connecticut 06051  
Phone: (860) 827-2935  
Fax: (860) 827-2950

October 12, 2000

Honorable Arthur J. Peitler  
Mayor  
Town of New Milford  
Town Hall  
10 Main Street  
New Milford, CT 06776

RE: **EM-SCLP-096-000928** – Springwiche Cellular Limited Partnership (SCLP) notice of intent to modify an existing telecommunications facility located at 4 Elkington Farm Road, New Milford, Connecticut.

Dear Mayor Peitler:

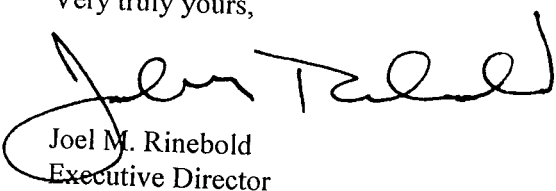
The Connecticut Siting Council (Council) received this request to modify an existing telecommunications facility, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72.

The Council will consider this item at the next meeting scheduled for October 19, 2000, at 2:00 p.m. in Hearing Room Two, Ten Franklin Square, New Britain, Connecticut.

Please call me or inform the Council if you have any questions or comments regarding this proposal.

Thank you for your cooperation and consideration.

Very truly yours,



Joel M. Rinebold  
Executive Director

JMR/RKE/laf

Enclosure: Notice of Intent